



## North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor  
Dee Freeman, Secretary

March 3, 2011

Sent Via US Mail and Via Email – donald.plessinger@wasteindustries.com

Mr. Don Plessinger  
Waste Industries, Inc. General Manager  
7130 New Landfill Drive  
Holly Springs, NC 27540

Re: ***Request for Abandonment of Monitoring Wells (MW-12 and MW-13)***  
Red Rock C&D Landfill, Holly Springs, Wake County, Permit # 92-28

Dear Mr. Plessinger:

The Solid Waste Section has completed a review of the *Request for Abandonment of Monitoring Wells (MW-12 and MW-13)* dated February 7, 2011 (Doc ID 12877) submitted on behalf of Waste Industries, Inc. by RSG for the Red Rock C&D Landfill. Ten groundwater monitoring wells are currently being monitored for the facility, and groundwater monitoring well MW-10 is the upgradient/background groundwater monitoring well for the facility.

Per the *Request for Abandonment of Monitoring Wells (MW-12 and MW-13)*, during permitting of the facility, there was some question regarding long term groundwater flow direction, and semiannual groundwater monitoring since that time has indicated that groundwater flow is to the south/southeast toward Jim Branch. Based upon this data, groundwater monitoring wells MW-11, MW-12, and MW-13 are also located hydraulically upgradient of the waste disposal area. Therefore, Waste Industries, Inc. is requesting to modify the groundwater monitoring network for the facility to reduce the redundancy of upgradient groundwater monitoring.

The request includes the following:

- Groundwater monitoring well MW-13 is currently located within the future Phase 2 landfill footprint, and the area around this groundwater monitoring well is being used for borrow activities. Waste Industries, Inc. requests to remove groundwater monitoring well MW-13 from the groundwater monitoring well network and abandon the well in accordance with 15A NCAC 2C rules in preparation for Phase 2, and
- Groundwater monitoring well MW-12 is located immediately adjacent to the existing landfill cell. Waste Industries, Inc. requests to remove groundwater monitoring well MW-12 from the groundwater monitoring well network, however, this groundwater monitoring well will be kept and measured for water levels on a semiannual basis.

Per the *Request for Abandonment of Monitoring Wells (MW-12 and MW-13)*, upon completion of the abandonment of groundwater monitoring well MW-13, the Water Quality Monitoring Plan (WQMP) will be revised and submitted to the Solid Waste Section. Also, a letter report summarizing all groundwater

well abandonment activities will be submitted to the Solid Waste Section.

As a result, the requests within the *Request for Abandonment of Monitoring Wells (MW-12 and MW-13)* are approved as described. If you have any questions or concerns regarding this letter, please contact me at 919-508-8500 or by email at [jaclynne.drummond@ncdenr.gov](mailto:jaclynne.drummond@ncdenr.gov).

Sincerely,



Jaclynne Drummond  
Compliance Hydrogeologist  
Solid Waste Section

cc via email: Mark Poindexter, Field Operations Supervisor  
Jason Watkins, Central District Supervisor  
Brian Wootton, Permitting Hydrogeologist